

PUBLIC WORKS  
1113 BROADWAY  
P.O. BOX 218  
HIGHLAND, IL 62249

## WATER TREATMENT PLANT STAFF

- **Mike Buss—**  
**Supervisor**
- **Tim Steinmann—**  
**Operator**
- **Tony Hempen—**  
**Operator**
- **Gary Pugh—**  
**Operator**

**Joe Gillespie**  
**Director**

**Mike Lengermann**  
**Supervisor St. & A**

**Russ Parker**  
**Supervisor W&S**

**Bill Zimmer**  
**Supervisor WRF**

**Mike Buss**  
**Supervisor WTP**

**Clint Conrad**  
**Resident Engineer**

**Sherry Kesner**  
**Administrative Asst.**

# Public Works

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## Water Treatment Plant

This year the Highland Water Plant is rebuilding some of the raw water pumps. This involves replacing the pump seals and bearing, and checking the impellor and main shaft. At the same time the motors will be checked for proper operation.

The water plant has recently switched to total chlorine instead of free chlorine to improve water quality and lower disinfection byproducts. The first quarter of sampling showed good results.

Crews are currently painting the inside of the 1,000,000 gallon ground storage tank. The tank is out of service while it is sandblasted to bare metal before new paint is applied. This process should be completed in June.

Highland has provided public water-supply services since 1926, when it acquired and upgraded rustic facilities begun in the 1890's when the Pet Milk Company built a dam and piped untreated water to their milk-condensing plant. A succession of improvements followed construction in 1926 of the filtration plant, and the treatment works was expanded and overhauled completely in 1993.

Currently the WTP is operated by a 4 man crew. Their daily duties involve the production and supply of drinking water to the cities of Highland, St. Jacob, Grantfork, and Pierron. The plant's operators produce an average of 1.2 million gallons of water per day. Looking forward, the plant is capable of producing up to 4.2 million gallons per day. Last year the water plant treated 477,096,000 gallons of water. The peak month was July with 57,131,000 gallons produced. This exceeded the peak month of 2011 by 11,681,000 gallons. All of our water comes from Silver Lake which is 550 acres. At an average depth of 8 feet that would be 4400 acre feet of water or about 1,433,646,720 gallons of water .

